

# SAFETY DATA SHEET



<b>Product Name:</b>		<b>BB68</b>	
<b>Version No.</b> 2	<b>Revision date</b> 01-06-2015	<b>Initial issue date</b> 02-06-2003	

## 1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND OF THE COMPANY

<b>1.1 Product Identifier</b>	BB68
<b>1.2 Relevant/Use(s)/misuse(s)</b>	Industrial
<b>1.3 SDS Supplier</b>	Beacon Water Treatments Limited Parsons Hall Industrial Estate High Street Irchester NN29 7AB <b>Telephone:</b> 01933 410066
<b>1.4 Emergency Telephone</b>	01604 505735 (Office hours) <b>Competent Person e-mail:</b> trevor@rising-hsande.co.uk

## 2. HAZARDS IDENTIFICATION

### 2.1 CLASSIFICATION OF THE SUBSTANCE

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Acute Tox. 4 H302  
Eye Dam. 1 H318  
Carc. 1B H350i

#### 2.1.2 Additional information

For text of hazard statements, see section 16

### 2.2 LABELLING ELEMENTS

#### 2.2.1 Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)

<b>Pictogram(s):</b>		<b>Signal word</b>	DANGER
<b>Hazard statement(s)</b>	H302 HARMFUL IF SWALLOWED H318 CAUSES SERIOUS EYE DAMAGE. H350i MAY CAUSE CANCER BY INHALATION		
<b>Precautionary statement(s)</b>	P202 DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION. P308+313 IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. . P301+330+331 IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING. P304+340 IF INHALED: REMOVE TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. P305+351+338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.		
<b>Supplementary hazard</b>	EUH031 CONTACT WITH ACIDS LIBERATES TOXIC GAS		

**2.3 Other hazards** None known

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterisation**

AQUEOUS SULPHITE SOLUTION PLUS ADDITIVES

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
SODIUM METABISULPHITE	7681-57-4	231-673-0	Acute Tox. 4 H302; Eye Dam. 1 H318	30-40%
COBALT SULPHATE	10124-43-3	233-334-2	Acute Tox. 4 H302; Skin Sens. 1 H317; Resp. Sens. 1 H334; Muta. 2 H341; Carc. 1B H350i; Repr. 1A H360F; Aquatic Acute 1 H400; Aquatic Chronic 1 H410	< 0.05%

### 4. FIRST AID MEASURES

#### 4.1 Description of measures

<b>Inhalation</b>	If inhaled, provide fresh air, warmth, rest and if necessary, seek medical advice.
<b>Skin contact</b>	Immediately clean areas of skin affected with soap and plenty of water. If necessary, seek medical advice.
<b>Eye contact</b>	Immediately wash out eye thoroughly with plenty of water until irritation subsides. CONSULT AN EYE SPECIALIST/OPHTHALMOLOGIST..
<b>Ingestion</b>	If product is swallowed, do NOT induce vomiting. Drink plenty of water; if necessary, seek medical advice.
<b>4.2 Most important effects/symptoms</b>	None known.
<b>4.3 Immediate/special treatment</b>	Treatment as described above.

### 5. FIRE FIGHTING MEASURES

<b>5.1 Extinguishing media</b>	To suit local surroundings (e.g. water mist, carbon dioxide, foam, chemical powder for large fires). Do not use water jet. The product is not flammable
<b>5.2 Special hazards</b>	Decomposition products released in a fire should be considered as probably harmful if inhaled.
<b>5.3 Advice for fire fighters</b>	Wear self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions</b>	Adhere to personal protective measures.
<b>6.2 Environmental precautions</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
<b>6.3 Methods and materials for cleaning up</b>	Take up with absorbent material, e.g. sand, sawdust, into tightly closed containers. Label container and dispose of as prescribed

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## 6. ACCIDENTAL RELEASE MEASURES

6.4 Reference to other sections                      See section 8 for personal protective equipment.

## 7. HANDLING AND STORAGE

7.1 Precautions for safe handling                      Handle in accordance with good hygiene and safety practice.

7.2 Conditions for safe storage                      Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry. Avoid storing with acids.

7.3. Specific end use(s)                      Industrial

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Controls parameters                      There are no occupational exposure limit values available.

8.2 Exposure controls  
Engineering controls                      Ensure adequate ventilation of working area.

Personal protection                      Observe normal standards for handling chemicals.  
Wash hands before breaks and after work.  
Avoid contact with skin and eyes.  
Wear personal protective equipment appropriate to the task (see below)

Eye protection                      Safety goggles (e.g. EN 166) if splashing is likely.

Skin protection                      Gloves (e.g. Nitrile (also consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken)

Respiratory protection                      Approved respirator if ventilation is insufficient.

Other protection                      Protective overall

## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

Physical form                      Liquid

Colour

Odour                      Characteristic

Odour threshold                      No data available

pH                      5-6

Boiling pt / range                      From 100 °C

Melting pt / range                      Not determined °C

Flash point                      Not applicable °C

Auto ignition temp.                      Not applicable °C

Evaporation rate                      Not applicable

Relative density                      1.27 – 1.30

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## 9. PHYSICAL & CHEMICAL PROPERTIES

### 9.1 Basic physical and chemical properties

<b>Flammability</b>	Not applicable
<b>Explosion limits</b>	Not applicable
<b>Vapour pressure</b>	Not applicable
<b>Relative vapour density</b>	Not determined
<b>Water solubility</b>	Miscible
<b>Thermal decomposition</b>	No data available
<b>Viscosity</b>	Not applicable
<b>Partition coefficient</b>	Log $P_{o/w}$ = Not determined
<b>Explosive properties</b>	Not applicable
<b>Oxidising properties</b>	Not applicable
<b>9.2 Other information</b>	None known

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Stable under normal conditions of handling.
<b>10.2 Chemical stability</b>	Stable
<b>10.3 Hazardous reactions</b>	None known.
<b>10.4 Conditions to avoid</b>	None known.
<b>10.5 Incompatible material</b>	Acids
<b>10.6 Hazardous decomposition products</b>	None

## 11. TOXICOLOGICAL INFORMATION

### 11.1 information on toxicological effects

<b>Acute toxicity</b>	LD <sub>50</sub> rat (oral)	mg/kg	No data available.
<b>Dermal compatibility</b>	No data available		
<b>Mucous membrane compatibility</b>	No data available		

## 12. ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	LC <sub>50</sub>	Aquatic organisms	mg/l	No data available
<b>12.2 Degradability</b>	No data available			
<b>12.3 Bioaccumulative potential</b>	Not determined			
<b>12.4 Mobility in soil</b>	Not determined			
<b>12.5 PBT/vPvB assessment</b>	Not applicable			
<b>12.6 Other adverse effects</b>	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.			

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### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment measures

**Advice on disposal** In accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005.

**Contaminated packaging** Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

### 14. TRANSPORT INFORMATION

**14.1 United Nations number** Not classified

**14.2 Proper shipping name** Not classified

**14.3 Transport class(s)** Not classified

**14.4 Packing group** Not classified (ADR, IMDG, IATA)

**14.5 Environmental hazards** The product should not be marked as a marine pollutant. (ADR, IMDG, IATA)

**14.6 Special procedures** Not applicable (ADR, IMDG, IATA)

**14.7 Transport in bulk** Not applicable (ADR, IMDG, IATA)

### 15. REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations** The product is classified in accordance with EC Regulation 1272/2008 (CLP). Other regulatory information and provisions are not applicable for this product.

**15.2 Chemical safety assessment** Not applicable

### 16. OTHER INFORMATION

#### Further information

The SDS has been revised in accordance with EC Regulation 1272/2008 (CLP)

#### Hazard statements referred to in sections 2/3

H302: Harmful if swallowed  
H317: May cause an allergic skin reaction  
H318: Causes serious eye damage.  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. .  
H341: Suspected of causing genetic defects  
H350i: May cause cancer by inhalation  
H360F: May damage fertility  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects. .

**Sources of data** Other suppliers' safety data sheets

**Date of issue** 01-06-2015

**This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.**

**Data sheet prepared by Rising HS&E Services.**